# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 1828 | ((353/57,52,55,58,60,61) or (349/161) or (348/748) or (96/95,97,98)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/26 15:55 |
| L3 | 328 | 2 and (ion$1 or ozone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 15:56 |
| S1 | 3987 | ((353/52,55-58,60,61) or (348/748) or (349/161) or (362/264,294,345,373)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/15 11:28 |
| S2 | 25 | S1 and ozone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:55 |
| S3 | 6 | S1 and ozone and ion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:10 |
| S4 | 2 | "2000-074240" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 11:43 |
| S5 | 1 | 10/538512 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 15:53 |

| S6 | 2 | ("20030066638").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/15 12:53 |
|---|---|---|---|---|---|---|
| S7 | 2 | "2001-397061" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:55 |
| S8 | 11 | 353/52-61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:55 |
| S9 | 1240 | (353/52-61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/15 12:55 |
| S10 | 120 | S9 and ion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 13:00 |
| S11 | 1339 | "362"/$ and ion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:58 |
| S12 | 326 | "362"/$ and ion and filter and air | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 12:59 |

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|---|---|---|---|---|---|---|
| S14 | 264 | (353/57).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/15 12:59 |
| S15 | 125 | S9 and ion$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:01 |
| S17 | 178 | S9 and (ion$3 or catalyst or corona or (filter with "UV")) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:03 |
| S18 | 1 | "2000-158041" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:40 |
| S19 | 20 | "11-180318" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 12:53 |
| S20 | 4 | toto and ((kurada near itsuji) or (kataoka near motohiko)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:45 |
| S22 | 1 | 10/944825 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 13:46 |

# EAST Search History

| S23 | 1 | 11/087736 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 13:47 |
|-----|---|-----------|-----------|----|----|----|
| S24 | 1 | 10/509114 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 13:49 |
| S25 | 16 | mcdermott and (Ikeda near Takashi) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 13:49 |
| S26 | 14 | (("4789801") or ("4516991") or ("6056405") or ("20050237500") or ("20060017889") or ("20050213048") or ("6945655")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 12:02 |
| S27 | 7 | (("4789801") or ("4516991") or ("6056405") or ("20050237500") or ("20060017889") or ("20050213048") or ("6945655")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/18 12:08 |
| S28 | 1 | 10/944825 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 12:56 |
| S29 | 2 | ("6103111").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 12:18 |

| S31 | 3 | S27 and (infrared or "IR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 12:58 |
|---|---|---|---|---|---|---|
| S32 | 3 | S26 and (infrared or "IR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 12:59 |
| S33 | 1 | S28 and (infrared or "IR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/18 12:59 |
| S34 | 1619 | (ion adj generat$3) with control$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:34 |
| S35 | 292 | (ion adj generat$3) with control$3 with (air or cool$3 or blower$1 or blow$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:15 |
| S36 | 297 | (ion adj generat$3) with control$3 with (air or wind or cool$3 or blower$1 or blow$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:13 |
| S37 | 14 | (ion adj generat$3) with control$3 with (air or wind or cool$3 or blower$1 or blow$3) with outside | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:21 |

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|---|---|---|---|---|---|---|
| S38 | 19 | (ion adj generat$3) with control$3 with (air or wind or cool$3 or blower$1 or blow$3) with (external or outside) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:21 |
| S39 | 58 | (ion adj generat$3) with (sens$3 or detect$3) with temperature | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:45 |
| S40 | 10 | (ion adj generat$3) with (sens$3 or detect$3) with temperature with (high$2 or low$2 or predetermined) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:53 |
| S41 | 2018 | (ion adj generat$3) and (projector or ((project$3 or imag$3) adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:06 |
| S42 | 419 | (ion adj1 generat$3) same (projector or ((project$3 or imag$3) adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:55 |
| S43 | 248 | (ion adj1 generat$3) with (projector or ((project$3 or imag$3) adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 10:57 |
| S44 | 304 | (ion adj1 generat$3) with (projector or ((project$3 or imag$3 or video or display) adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:04 |

| S45 | 185 | S44 and control$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:04 |
|---|---|---|---|---|---|---|
| S46 | 304 | ((ion adj1 generat$3) with (projector or ((project$3 or imag$3 or video or display) adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element)))) and (ion adj1 generat$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:04 |
| S47 | 1670 | S41 and control$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:07 |
| S48 | 554 | (ion adj generat$3) and (projector or (project$3 adj2 (device or system or unit or apparatus or display or means or member or arragement or assembly or element))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:06 |
| S49 | 491 | S48 and control$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:13 |
| S50 | 338 | S48 and control$4 and (air or wind or cool$3 or blower$1 or blow$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:47 |
| S51 | 96 | S48 and control$4 and (air or wind) and (cool$3 or blower$1 or blow$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:48 |

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| S52 | 104 | S48 and control$4 and (air or wind) and (cool$3 or blower$1 or blow$3 or fan$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:59 |
| S53 | 8 | "053993" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/24 11:59 |
| S54 | 8 | "053993" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 21:41 |
| S55 | 0 | "WO2/053993" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 21:41 |
| S56 | 0 | "WO02/053993" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 21:41 |
| S57 | 0 | "WO 02/053993" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 21:41 |
| S58 | 8 | ("4635161" \| "4652694" \| "5121286" \| "5249094" \| "5447763" \| "5488222" \| "6654225").PN. OR ("6791814").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/26 10:41 |

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| S59 | 21 | (ion adj generat$3) same (sens$3 or detect$3) same temperature same off | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:46 |
| S60 | 21 | (ion adj1 generat$3) same (sens$3 or detect$3) same temperature same off | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:46 |
| S61 | 33 | (ion adj2 generat$3) same (sens$3 or detect$3) same temperature same off | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:46 |
| S62 | 43 | (ion near2 generat$3) same (sens$3 or detect$3) same temperature same off | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:58 |
| S63 | 115 | (ion near2 generat$3) with turn$3 with (off or on) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 10:58 |
| S64 | 22 | ("20040123739" \| "2783388" \| "2990911" \| "3504482" \| "3740926" \| "3800509" \| "4477263" \| "4531402" \| "4746331" \| "5055115" \| "5061296" \| "5454859" \| "5656063" \| "5702507" \| "5707429" \| "5837035" \| "6287368" \| "6471752" \| "6585803").PN. OR ("6951582").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/26 11:08 |
| S65 | 2 | S64 and (control$4 with (on or off)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:09 |

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| S66 | 3 | S64 and ((control$4 or power) same (on or off)) and temperature | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:11 |
| S67 | 1 | S64 and ((control$4 or power) same (on or off) same temperature) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:17 |
| S68 | 952 | (96/95-100).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/26 11:17 |
| S69 | 11 | S68 and ((control$4 or power) same (on or off) same temperature) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:20 |
| S71 | 925 | ion$1 and ((control$4 or power) with (on or off) with temperature with (sens$3 or detect$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:23 |
| S72 | 93 | ion$1 and ((control$4 or power) with (on or off) with temperature with (sens$3 or detect$3) with air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:27 |
| S73 | 0 | (ion$1 near2 generat$3) with (control$4 or power) with (on or off) with temperature with (sens$3 or detect$3) with air | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:28 |

| S74 | 12 | (ion$1 near2 generat$3) same (control$4 or power) same (on or off) same temperature same (sens$3 or detect$3) same air | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:30 |
|-----|----|----|----|----|----|----|
| S75 | 4 | (ion$1 near2 generat$3) with (control$4 or power) with (on or off) with temperature with (sens$3 or detect$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 15:56 |
| S76 | 4 | (ion$1 near2 generat$3) with (control$4 or power$3) with (on or off) with temperature with (sens$3 or detect$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 11:29 |
| S77 | 27 | ((ion$1 or ozone) near2 generat$3) same (control$4 or power) same (on or off) same temperature same (sens$3 or detect$3) same air | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 12:44 |

| S78 | 50 | (("5972714") or ("6396577") or ("6835356") or ("20010019707") or ("20050077103") or ("20050213048") or ("20050237500") or ("20060017889") or ("4368371") or ("5884862") or ("5702954") or ("4273660") or ("5493754") or ("5611868") or ("5923037") or ("6072966") or ("6099480") or ("4298467") or ("4941957") or ("6163098") or ("4302490") or ("4481289") or ("4857277") or ("5227135") or ("5241449") or ("5310683") or ("5330714") or ("5343629") or ("5424217") or ("5433866") or ("5470465") or ("5494576") or ("5604298") or ("5610398") or ("5661036") or ("5661092") or ("5714665") or ("5806305") or ("5866752") or ("5935525") or ("5935519") or ("5945680") or ("5962079") or ("5976629") or ("5983705") or ("6012283") or ("6130095") or ("6129850") or ("6179969") or ("3675096")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 14:05 |
|-----|-----|-----|-----|-----|-----|-----|
| S79 | 1 | "2000-158041" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 12:52 |
| S80 | 1 | "2001-068293" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 12:52 |
| S81 | 3 | ("2001068293").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/26 12:53 |

| S82 | 0 | (10/509114).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/26 14:05 |
|-----|---|-------------------|--------------------------------------------------------|-----|-----|------------------|
| S83 | 1 | 10/509114 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 14:05 |
| S84 | 1 | 10/944825 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 14:05 |
| S85 | 1 | 11/087736 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/26 15:55 |